

## IN THE CLAIMS

Please amend the claims to read as follows:

### Listing of Claims

1. (Currently Amended) A heart beat signal wireless transmitter comprising a body having two sides, which constructs a modular structure ~~wherein the said body comprises~~ having a PC board carrying a signal transmitter and a clamp provided on the two sides of the body, and a pair of detachable fastening belt belts connected to the two sides of the body separately through the ~~claming clamp~~, ~~means provided on both sides of the body~~, and the ~~said pair of~~ wherein each detachable fastening belt of said pair of detachable fastening belts is made of fabric material with a waterproof property of which the ~~a~~ front part of each fastening belt is made of conductive fabric and ~~for forming~~ formed the in electrical connection with the PC board board inside the body when ~~the pair of fastening belt and the body are connected to each other through the clamping means on both sides of the body~~.

2. (Currently Amended) The heart beat signal wireless transmitter as defined in claim 1, wherein the each detachable fastening belt is made of both the conductive fabric and a non-conductive fabric.

3. (Currently Amended) The heart beat signal wireless transmitter as defined in claim 1, wherein the conductive fabric of the each detachable fastening belt is made of one of the materials of intrinsically conductive polymer, compounds with conductive fiber and electronic fabric.

4. (Currently Amended) The heart beat signal wireless transmitter as defined in claim 2, wherein the conductive fabric of the each detachable fastening belt is made of one of the materials of intrinsically conductive polymer, compounds with conductive fiber and electronic fabric.

5. (Currently Amended) The heart beat signal wireless transmitter as defined in claim 1, wherein the said pair of detachable fastening belt belts is fixed on the an underwear by sewing.

6. (Currently Amended) The heart beat signal wireless transmitter as defined in claim 2, wherein the said pair of detachable fastening belt belts is fixed on the an underwear by sewing.

7. (Currently Amended) The heart beat signal wireless transmitter as defined in claim 1, wherein the said pair of detachable fastening belt belts is fixed on the a bra by sewing.

8. (Currently Amended) The heart beat signal wireless transmitter as defined in claim 2, wherein the said pair of detachable fastening belt belts is fixed on the a bra by sewing.

9. (Currently Amended) The heart beat signal wireless transmitter as defined in claim 1, wherein the an end portion of the said pair of detachable fastening belt belts has a buckle assembly for buckling the fastening belt.

10. (Currently Amended) The heart beat signal wireless transmitter as defined in claim 2, wherein the an end portion of

the said pair of detachable fastening belt belts has a buckle assembly for buckling the fastening belt.

11. (Currently Amended) The heart beat signal wireless transmitter as defined in claim 1, wherein said clamp comprises a clamping plate having a saw-toothed grip piece on the underside is pivotally installed on both the two sides of the said body, and can such that said clamping plate can be lifted up and pressed down around the center of the pivot.

12. (Currently Amended) The heart beat signal wireless transmitter as defined in claim 2, wherein said clamp comprises a clamping plate having a saw-toothed grip piece on the underside is pivotally installed on both the two sides of the said body, such that said clamping plate can be lifted up and pressed down around the center of the pivot.

13. (Currently Amended) The heart beat signal wireless transmitter as defined in claim 1, wherein a slip plate having a saw-toothed grip piece on the an underside is installed on both the two sides of the said body through a tenon-slot structure.

14. (Currently Amended) The heart beat signal wireless transmitter as defined in claim 2, wherein a slip plate having a saw-toothed grip piece on the an underside is installed on both the two sides of the said body through a tenon-slot structure.

15. (Currently Amended) The heart beat signal wireless transmitter as defined in claim 1, wherein a press-in cover equipped with a spring snap piece, having a saw-toothed grip piece on an underside is installed on both the two sides of said body.

16. (Currently Amended) The heart beat signal wireless transmitter as defined in claim 2, wherein a press-in cover equipped with a spring snap piece, having a saw-toothed grip piece on an underside is installed on both the two sides of said body.

17. (Currently Amended) The heart beat signal wireless transmitter as defined in claim 1, wherein a female connecting hole is provided on the conductive fabric of ~~the pair of~~ each detachable fastening belt, and a male connecting head is provided on both the two sides of said body.

18. (Currently Amended) The heart beat signal wireless transmitter as defined in claim 2, wherein a female connecting hole is provided on the conductive fabric of ~~the pair of~~ each detachable fastening belt, and a male connecting head is provided on both the two sides of said body.

19. (New) The heart beat signal wireless transmitter as defined in claim 2, wherein the non-conductive fabric of the detachable fastening belt is arranged on one side that is adapted for attachment to a user's undergarment.

20. (New) The heart beat signal wireless transmitter as defined in claim 1, wherein a first belt of the pair of detachable fastening belts is connected to the PC board as a positive electrode and a second belt of the pair of detachable fastening boards is connected to the PC board as a negative electrode.